

Form PTO-1449
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO. 2-1228-058

SERIAL NO. 10/728182

LIST OF MATERIAL INFORMATION CITED
BY APPLICANT

APPLICANT

Robert W. Allington

FILING DATE

12/4/2003

GROUP

1743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
A	AA	3	5	8	3	6	7	2	02-16-1971	Bergstrom			
	AB	3	5	9	7	1	1	4	08-03-1971	Hrdina			
	AC	3	7	3	7	8	8	2	01-22-1974	Fillmore			
	AD	3	8	4	7	5	0	7	11-12-1974	Sakiyama			
	AE	3	8	5	5	1	2	9	12-17-1974	Abrahams			
	AF	3	9	1	7	5	3	1	11-04-1975	Magnussen			
	AG	4	0	4	5	3	4	3	08-30-1977	Achener			
	AH	4	1	0	8	5	7	4	08-22-1978	Bartley			
	AI	4	1	3	1	3	9	3	12-26-1978	Magnussen			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AL													
	AM													

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

A	AR	COPY - 10 pgs - entitled Assessment of chromatographic peak purity by means of multi-wavelength detection and correlation-based algorithms - by J.B. Castledine and A.F. Fell and R. Modin and B. Sellberg - <i>Journal of Chromatography</i> (1992)											
	AS	COPY - 6 pg - entitled Improvement of the performance of single-column ion chromatography by computerized detector signal processing and correlation chromatography - by M. Kaljurand E. Urbas and U. Haldna - <i>Journal of Chromatography</i> (1994)											
	AT	COPY - 7 sheets - entitled Application of Factor Analysis on High-Performance Liquid Chromatography Data Using a Swept-Potential Electrochemical Detection System by Huggins Z. Msimanga and Peter E. Sturrock - <i>American Chemical Society</i> 1990											

EXAMINER

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				FILING DATE 12/4/2003		GROUP 1743	

U.S. PATENT DOCUMENTS												
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE						
	AA	4 1 3 7 0 1 1	01-30-1979	Rock								
	AB	4 1 5 5 6 8 3	05-22-1979	Mochizuki								
	AC	4 1 4 6 3 7 5	12-25-1979	Magnussen								
	AD	4 2 2 5 2 8 4	09-30-1980	Allington								
	AE	4 2 3 3 1 5 6	11-11-1980	Tsukada								
	AF	4 3 2 6 6 3 7	04-27-1982	Gilson								
	AC	4 3 5 2 6 3 6	10-05-1982	Patterson								
	AH	4 3 5 5 9 1 2	11-16-1982	Funke								
AI	4 4 2 4 3 9 3	12-13-1983	Smith									

FOREIGN PATENT DOCUMENTS												
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES NO							
AL												
AM												

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)	
	AR COPY - 5 sheets - entitled Reduction of the detection limits of anions in polar ice core analysis using correlation ion chromatography with detector signal processing by J. Ivask and M. Kaljurand - <i>Journal of Chromatography</i> (1999)
	AS COPY - 11 sheets - entitled Correlation and digital signal processing techniques for the reduction of detection limits of bromate and bromide in model water samples by ion chromatography with direct ultraviolet detection - <i>Journal of Chromatography</i> (1997)
	AT COPY - 2 sheets - entitled A multiple-input digital correlator for the weak light scattering signals of chromatographic detectors (Rev. Sci. Instrum. 65 (1), January 1994))

EXAMINER <div style="text-align: center;"> JAN LUDLOW PRIMARY EXAMINER </div>	DATE CONSIDERED 3/2006
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SERIAL NO. 10 1728182

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Robert W. Allington


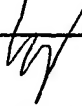
FILING DATE

12/4/2003

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1745



U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
	AA	4	4	4	6	6	9	2	05-15-1984	Nakamoto			
	AB	R	E	3	1	5	8	6	05-15-1984	Magnussen			
	AC	R	E	3	1	6	0	8	06-19-1984	Magnussen			
	AD	4	6	0	4	3	6	5	07-15-1986	Riggenmann			
	AE	4	8	2	0	1	2	9	04-11-1989	Magnussen			
	AF	8	9	1	9	5	9	5	04-24-1990	Likuski			
	AG	5	2	8	6	1	2	7	02-15-1994	Johann			
	AH	5	7	5	5	5	5	9	05-26-1998	Allington			
	AI												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
	AL													
	AM													

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		COPY - 11 pages - entitled Data Correlation in On-Line Solid-Phase Extraction-Gas Chromatography - Atomic Emission/Mass Spectrometric Detection of Unknown Microcontaminants - (Chromatographia Vol. 48, No. 3, August 1998)
	AS		COPY - 207 pgs. - entitled Improving the signal-to-noise ratio by cross-correlation in flow injection analysis and high-performance liquid chromatography - by Rober Edward McKean, Ph.D. - dated 1990
	AT		

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ATTY. DOCKET NO. 2-1228-062

SERIAL NO. 10/728,182

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FILING DATE

December 4, 2003

GROUP

1743

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER							DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
u	AA	5	1	4	1	6	0	9	08-25-1992	Sweedler			
u	AB	5	5	9	1	6	4	4	01-07-1997	Karmen			
	AC												
	AD												
	AE												
	AF												
	AG												
	AH												
	AI												

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO	
u	AL	9	9	1	7	1	0	4	04-08-1999	WIPO			XX	
u	AM	3	0	1	0	5	2	4	02-06-2003	WIPO			XX	

OTHER ART (Including Author, Title, Date, Pertinent Pages, etc.)

	AR		
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